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Page : 2 of 3

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A ~~composition~~ PSSA-PVDF membrane comprising a catalyst ink and a PSSA-PVDF membrane, wherein the catalyst ink comprises a catalytic material and poly(vinylidene fluoride).
2. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the catalytic material comprises Pt.
3. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the catalytic material comprises Pt and Ru.
4. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the catalyst ink further comprises an ionomer.
5. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the catalyst ink comprises a liquid copolymer of tetrafluoroethylene and perfluorovinylethersulfonic acid.
- 6-11. (Cancelled)
12. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the catalyst ink further comprises a plasticizer.
13. (Currently amended) The ~~composition~~ membrane of claim 1, wherein the plasticizer is a high boiling solvent.
14. (Currently amended) The ~~composition~~ membrane of claim 13, wherein the plasticizer is N,N dimethylacetamide.
15. (Cancelled)